

COC#82

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CHAIN OF CUSTODY REPORT

Work Order #: M106042

CLIENT: BRISTOL		INVOICE TO: BRISTOL		TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div>10 7 5 4 3 2 1 <1</div> <div>STD. 5 4 3 2 1 <1</div> </div> Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> <div>5 4 3 2 1 <1</div> <div>STD. OTHER Please Specify</div> </div> <small>*Turnaround Requests less than standard may incur Rush Charges.</small>			
REPORT TO: ANNE KRANAWETTER		P.O. NUMBER: 21090					
ADDRESS: AMCHITKA ISLAND, ALASKA							
PHONE: 907-770-0974 FAX: 770-0975		PROJECT NAME: AMCHITKA		REQUESTED ANALYSES			
PROJECT NUMBER: 21090		PROJECT NUMBER: 21090					
SAMPLED BY: Anne/charlie		SAMPLED BY: Anne/charlie					
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	HCID					
1. 01AMCS11SL	6/14/01 925	✓					
2. 01AMCS12SL	6/14/01 927	✓					
3. 01AMCS13SL	6/14/01 929	✓					
4. 01AMCS14SL	6/14/01 931	✓					
5. 01AMCS15SL	6/14/01 933	✓					
6. 01AMCS16SL	6/14/01 935	✓					
7. 01AMCS17SL	6/14/01 937	✓					
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							

RELINQUISHED BY: Anne Kranawetter	DATE: 6/14/01	RECEIVED BY: Tim McKeown	DATE: 6/14/01
PRINT NAME: Anne Kranawetter	TIME: 9:50	PRINT NAME: Tim McKeown	TIME: 09:50
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:	TIME:	PRINT NAME:	TIME:
FIRM: BRISTOL		FIRM: NCA	

ADDITIONAL REMARKS:

 COC REV 3/99

TEMP:
 PAGE OF



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6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/14/01 09:50. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106042



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/15/01 13:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMC511SL	M106042-01	Soil	06/14/01 09:25	06/14/01 09:50
01AMC512SL	M106042-02	Soil	06/14/01 09:27	06/14/01 09:50
01AMC513SL	M106042-03	Soil	06/14/01 09:29	06/14/01 09:50
01AMC514SL	M106042-04	Soil	06/14/01 09:31	06/14/01 09:50
01AMC515SL	M106042-05	Soil	06/14/01 09:33	06/14/01 09:50
01AMC516SL	M106042-06	Soil	06/14/01 09:35	06/14/01 09:50
01AMC517SL	M106042-07	Soil	06/14/01 09:37	06/14/01 09:50

C.O.C. #82

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/15/01 13:14

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMC511SL (M106042-01) Soil						Sampled: 06/14/01 Received: 06/14/01			
Gasoline Range Hydrocarbons	50.4	8.99	mg/kg	1	NWTPH HCID	06/14/01	06/14/01	0106048	
Diesel Range Hydrocarbons	212	22.5	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	139	45.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	116 %	50-150							
01AMC512SL (M106042-02) Soil						Sampled: 06/14/01 Received: 06/14/01		R-05	
Gasoline Range Hydrocarbons	2960	139	mg/kg	1	NWTPH HCID	06/14/01	06/14/01	0106048	
Diesel Range Hydrocarbons	1560	347	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	693	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	125 %	50-150							
01AMC513SL (M106042-03) Soil						Sampled: 06/14/01 Received: 06/14/01			
Gasoline Range Hydrocarbons	27.5	9.61	mg/kg	1	NWTPH HCID	06/14/01	06/14/01	0106048	
Diesel Range Hydrocarbons	31.8	24.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	48.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	119 %	50-150							
01AMC514SL (M106042-04) Soil						Sampled: 06/14/01 Received: 06/14/01			
Gasoline Range Hydrocarbons	122	9.08	mg/kg	1	NWTPH HCID	06/14/01	06/14/01	0106048	
Diesel Range Hydrocarbons	6380	22.7	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	74.7	45.4	"	"	"	"	"	"	D-11
Surr: 1-Chlorooctadecane	146 %	50-150							
01AMC515SL (M106042-05) Soil						Sampled: 06/14/01 Received: 06/14/01			
Gasoline Range Hydrocarbons	264	9.76	mg/kg	1	NWTPH HCID	06/14/01	06/14/01	0106048	
Diesel Range Hydrocarbons	2790	24.4	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	69.6	48.8	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	136 %	50-150							

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/15/01 13:14

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMC516SL (M106042-06) Soil					Sampled: 06/14/01 Received: 06/14/01				R-05
Gasoline Range Hydrocarbons	260	98.3	mg/kg	1	NWTPH HCID	06/14/01	06/14/01	0106048	
Diesel Range Hydrocarbons	2520	246	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	898	492	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>120 %</i>	<i>50-150</i>							
01AMC517SL (M106042-07) Soil					Sampled: 06/14/01 Received: 06/14/01				R-05
Gasoline Range Hydrocarbons	1290	93.1	mg/kg	1	NWTPH HCID	06/14/01	06/14/01	0106048	
Diesel Range Hydrocarbons	7930	233	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	466	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>148 %</i>	<i>50-150</i>							

North Creek Analytical - Mobile Lab

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/15/01 13:14

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0106048 - TPH-HCID (WA)

Blank (0106048-BLK1)

Prepared & Analyzed: 06/14/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>	<i>109</i>	<i>50-150</i>
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Project: Amchitka
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Reported:
06/15/01 13:14

Notes and Definitions

D-11 Detected hydrocarbons in the heavy/oil range appear to be due to overlap of diesel range hydrocarbons.
R-05 Reporting limits raised due to dilution necessary for analysis.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.
wet Sample results reported on a wet weight basis (as received)
RPD Relative Percent Difference

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106042 FINAL 06 15 01 1314.mdb Default Report (not modified)
M106042-02	NW-HCID mod		R-05
M106042-04	NW-HCID mod	Heavy Oil Range Hydrocarbons	D-11
M106042-06	NW-HCID mod		R-05
M106042-07	NW-HCID mod		R-05